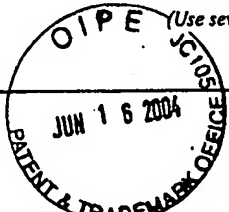


Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)	Docket Number 564462008100	Application Number 10/626,477
	Applicant Martin KELLER	
	Filing Date July 23, 2003	Group Art Unit To Be Assigned
	Mailing Date June 14, 2004	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
<i>u</i>	1.	06-30-1981	US-4,276,048	Leaback, D.	023	230R	<input checked="" type="checkbox"/>
	2.	08-16-1983	US-4,399,219	Weaver	435	034	<input checked="" type="checkbox"/>
	3.	11-04-1986	US-4,621,059	Rokugawa, K.	435	291	<input checked="" type="checkbox"/>
	4.	02-17-1987	US-4,643,968	Weaver	435	032	<input checked="" type="checkbox"/>
	5.	03-03-1987	US-4,647,536	Mosbach et al.	435	177	<input checked="" type="checkbox"/>
	6.	08-29-1998	US-4,861,718	Hirata et al.	435	207	<input checked="" type="checkbox"/>
	7.	04-10-1990	US-4,916,060	Weaver	435	029	<input checked="" type="checkbox"/>
	8.	09-25-1990	US-4,959,301	Weaver et al.	435	005	<input checked="" type="checkbox"/>
	9.	10-08-1991	US-5,055,390	Weaver et al.	435	005	<input checked="" type="checkbox"/>
	10.	12-22-1992	US-5,173,187	Nader et al.	210	614	<input checked="" type="checkbox"/>
	11.	07-06-1993	US-5,225,332	Weaver et al.	435	029	<input checked="" type="checkbox"/>
	12.	12-28-1993	US-5,274,240	Mathies et al.	250	458.1	<input checked="" type="checkbox"/>
	13.	12-17-1996	US-5,584,982	Dovich N., et al.	204	603	<input checked="" type="checkbox"/>
	14.	09-02-1997	US-5,663,046	Baldwin et al.	435	006	<input checked="" type="checkbox"/>
	15.	09-23-1997	US-5,670,113	Akong et al.	422	063	<input checked="" type="checkbox"/>
	16.	10-07-1997	US-5,675,155	Pentoney, Jr. et al.	250	458.1	<input checked="" type="checkbox"/>
	17.	04-21-1998	US-5,741,411	Yeung et al.	204	452	<input checked="" type="checkbox"/>
	18.	06-09-1998	US-5,763,263	Dehlinger, P. et al.	435	287	<input checked="" type="checkbox"/>
	19.	07-21-1998	US-5,783,431	Peterson et al.	435	172.3	<input checked="" type="checkbox"/>
	20.	08-04-1998	US-5,790,727	Dhadwal, H., et al.	385	038	<input checked="" type="checkbox"/>
	21.	10-20-1998	US-5,824,485	Thompson, et al.	435	006	<input checked="" type="checkbox"/>
	22.	11-10-1998	US-5,833,827	Anazawa, T., et al.	204	603	<input checked="" type="checkbox"/>
	23.	11-17-1998	US-5,837,458	Minshull et al.	435	006	<input checked="" type="checkbox"/>
	24.	12-01-1998	US-5,843,767	Beattie, K.	435	287.1	<input checked="" type="checkbox"/>
	25.	08-17-1999	US-5,938,908	Anazawa, T., et al.	204	603	<input checked="" type="checkbox"/>
<i>u</i>	26.	11-09-1999	US-5,981,297	Baselt, David R.	436	514	<input checked="" type="checkbox"/>

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 564462008100	Application Number 10/626,477
	Applicant Martin KELLER	
	Filing Date July 23, 2003	Group Art Unit To Be Assigned
	Mailing Date June 14, 2004	

<i>u</i>	27.	02-22-2000	US-6,027,873	Volker Schellenberger, et al.	435	004	
	28.	04-11-2000	US-6,048,444	Takahashi S., et al.	204	603	
	29.	04-25-2000	US-6,054,032	Haddad, L., et al.	204	451	
	30.	05-30-2000	US-6,068,977	Perlin	435	006	
	31.	07-04-2000	US-6,083,763	Balch, W.	436	518	
	32.	07-11-2000	US-6,086,740	Kennedy, C.	204	601	
	33.	07-11-2000	US-6,086,825	Sundberg, S., et al.	422	100	
	34.	07-18-2000	US-6,090,251	Sundberg, S., et al.	204	453	
	35.	01-16-2001	US-6,174,673	Short et al.	435	006	
	36.	05-08-2001	US-6,228,580	Blumenfeld et al.	435	006	
	37.	10-23-2001	US-6,306,578	Volker Schellenberger, et al.	435	004	
	38.	11-15-2001	US-2001/0041333	Short et al.	435	006	
	39.	01-22-2002	US-6,340,568	Hefti, John	435	006	
	40.	05-21-2002	US-6,391,576	Tsuchida et al.	435	030	
<i>✓</i>	41.	06-18-2002	US-6,406,893	Knapp et al.	435	091.2	

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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
<i>u</i>	42.	11-29-1990	WO 90/14590	WIPO				
	43.	10-05-1995	WO 95/26400	WIPO				
	44.	10-31-1996	WO 96/34112	WIPO				
	45.	06-02-1997	WO 97/04077	WIPO				
	46.	05-06-1997	WO 97/20078	WIPO				
	47.	06-12-1997	WO 97/20918	WIPO				
	48.	12-04-1997	WO 97/45730	WIPO				
	49.	12-24-1997	WO 97/48717	WIPO				
	50.	02-05-1998	WO 98/04920	WIPO				
<i>✓</i>	51.	07-02-1998	WO 98/28075	WIPO				

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 564462008100	Application Number 10/626,477
	Applicant Martin KELLER	
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	Mailing Date June 14, 2004	

<i>u</i>	52.	09-03-1998	WO 98/38490	WIPO	_____	_____	_____	_____
<i> </i>	53.	12-17-1998	WO 98/56904	WIPO	_____	_____	_____	_____
<i> </i>	54.	07-15-1999	WO 99/34920	WIPO	_____	_____	_____	_____
<i> </i>	55.	09-05-1999	WO 99/39191	WIPO	_____	_____	_____	_____
<i> </i>	56.	09-30-1999	WO 99/49294	WIPO	_____	_____	_____	_____
<i> </i>	57.	09-30-1999	WO 99/49315	WIPO	_____	_____	_____	_____
<i>✓</i>	58.	10-28-1999	WO 99/54494	WIPO	_____	_____	_____	_____

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Examiner Initials	Ref. No.	Title
<i>u</i>	59.	ABEIJON et al. Proc. Natl Acad Sci. 93:5963-5968 (1996).
<i> </i>	60.	CULLIS, Paul M. et al., "Exploiting Nucleotide Thiophosphates to Probe Mechanistic Aspects of Escherichia coli DNA Gyrase," <i>Biochemistry</i> , Vol. 36, pages 6059-6068 (1997).
<i> </i>	61.	HUSCHTSCHA, Lily I. et al., "A rapid micro method for counting cells "in situ" Using a fluorogenic alkaline phosphatase enzyme assay," <i>In Vitro Cellular & Developmental Biology</i> , Vol. 25, No. 1 January 1989, pgs. 105-108.
<i> </i>	62.	MANAFI, Mohammed et al., "Fluorogenic and Chromogenic Substrates Used in Bacterial Diagnostics," <i>Microbiological Reviews</i> , Vol. 55, No. 3, September 1991, pgs. 335-348.
<i> </i>	63.	MARGOLLES-CLARK, Emilio, "Molecular characterization of side-chain cleaving hemicellulases of <i>Trichoderma reesei</i> " (VTT Publications) (1996), 276, 123pp.
<i> </i>	64.	MIAO, F. et al., "A single-cell assay of β -Galactosidase in recombinant <i>E. coli</i> using flow cytometry," <i>Biotechnology and Bioengineering</i> , Vol. 42, pages 708-715. (1993).
<i> </i>	65.	PLOVINS, A. et al. Use of fluorescein-di- β -D-galactopyranoside (FDG) and C12-FDG as substrates for β -galactosidase detection by flow cytometry in animal, bacterial, and yeast cells. <i>Appl. and Environ. Microbiol.</i> 60(12):4638-4641(1994).
<i> </i>	66.	POWELL, K.T.; Weaver, J.C. "Gel microdroplets and flow cytometry: rapid determination of antibody secretion by individual cells within a population" <i>Biotechnology</i> April 1990; 8, 4, 333-337.
<i> </i>	67.	ROESSNER, C. A. and A. I. Scott. "Fluorescence-based method for selection of recombinant plasmids." <i>BioTechniques</i> 19(5):760-764 (1995).
<i> </i>	68.	ROTMAN, Boris et al., "Fluorogenic Substrates for β -D-Galactosidases and Phosphatases Derived from Fluorescein (3,6-Dihydroxyfluoran) and its Monomethyl Ether," <i>National Academy of Sciences</i> , Vol. 50, No. 1, July 15, 1963, pgs. 1-6.
<i> </i>	69.	TYAGI, S. et al., "Molecular Beacons: Probes the fluorescence upon hybridization" <i>Nature Biotechnol.</i> 1996, 14, 303-308.
<i>✓</i>	70.	WEAVER, J.C.; Bliss, J.G.; Powell, K.T.; Harrison, G.I; Williams, G.B. "Rapid clonal growth measurements at the single-cell level: gel microdroplets and flow cytometry" <i>Biotechnology</i> 1991,

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11/22/2006

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 564462008100	Application Number 10/626,477
	Applicant Martin KELLER	
	Filing Date July 23, 2003	Group Art Unit To Be Assigned
	Mailing Date June 14, 2004	

		9(9), 873-7.
	71.	WITTRUP, K. D., et al. "Microencapsulation selection for isolation of yeast mutants with increased secretion of <i>Aspergillus awamori</i> glucoamylase," <i>Biotechnology and Bioengineering</i> 42(3):351-356 (1993).
	72.	ZHANG et al., FASEB J. Vol. 5, pages 3108-3113 (1991).

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Form PTO-1449

Docket Number 564462008100

Application Number 10/626,477

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

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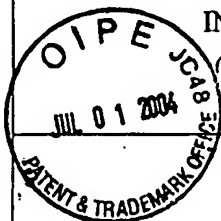
Applicant

Martin KELLER

Filing Date July 23, 2003

Group Art Unit To Be Assigned

Mailing Date June 28, 2004



U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
				X			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
				X			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
m	1.	Zengler et al., "Cultivating the Uncultured," Proc. Natl. Acad. Sci. U.S.A. (2002) 99(24):15681-15686

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Form PTO-1449

Docket Number 564462008100

Application Number 10/626,477

INFORMATION DISCLOSURE CITATION
PLAN APPLICATION

OCT 21 2004 (Use several sheets if necessary)

Applicant

Martin KELLER

Filing Date July 23, 2003

Group Art Unit 1645

Mailing Date October 18, 2004

U.S. PATENT DOCUMENTS

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				X			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
				X			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
W	1.	Eilers et al., "Culturability and In Situ Abundance of Pelagic Bacteria from the North Sea," Applied and Environmental Microbiology 66(7):3044-3051 (2000)
J	2.	Ferguson et al., "Response of Marine Bacterioplankton to Differential Filtration and Confinement," Applied and Environmental Microbiology 47(1):49-55 (1984)
J	3.	Kaeberlein et al., "Isolating 'Uncultivable' Microorganisms in Pure Culture in a Simulated Natural Environment," Science 296:1127-1129 (2002)
V	4.	Manome et al., "Application of gel microdroplet and flow cytometry techniques to selective enrichment of non-growing bacterial cells," FEMS Microbiology Letters 197:29-33 (2001)

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John W.

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